

INTERNATIONAL SEARCH REPORT

21 MAR 2005
PCT/IB 03/50001

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/20 H04H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 740 434 A (TELEVES SA) 30 October 1996 (1996-10-30) page 4, line 15 -page 10, line 19 ---	1-11
Y	US 5 073 930 A (GREEN JAMES A ET AL) 17 December 1991 (1991-12-17) column 9, line 19 -column 24, line 15 ---	1-11
Y	US 4 608 710 A (SUGIURA TOSHIHIRO) 26 August 1986 (1986-08-26) column 1, line 40 -column 2, line 51 ---	1-11
Y	DE 40 12 657 A (COMTEC AG) 24 October 1991 (1991-10-24) column 2, line 12 -column 2, line 56 --- -/--	1-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

1 December 2003

Date of mailing of the international search report

20/01/2004

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Inter Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 93 06 499 U (HIRSCHMANN GMBH) 8 July 1993 (1993-07-08) page 1, line 4 -page 9, line 8 -----	1-11
A	EP 0 582 023 A (FRITZ FISCHER ELEKTRONIK) 9 February 1994 (1994-02-09) cited in the application the whole document -----	1-11
A	CHANG-HO LEE ET AL: "GaAs MESFET dual-gate mixer with active filter design for Ku-band applications" RADIO FREQUENCY INTEGRATED CIRCUITS (RFIC) SYMPOSIUM, 1999 IEEE ANAHEIM, CA, USA 13-15 JUNE 1999, PISCATAWAY, NJ, USA, IEEE, US, 13 June 1999 (1999-06-13), pages 203-206, XP010358982 ISBN: 0-7803-5604-7 page 203 -page 206 -----	1-11

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			DE 29607766 U1	05-09-1996
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